

# Asian Inspired Nightstand

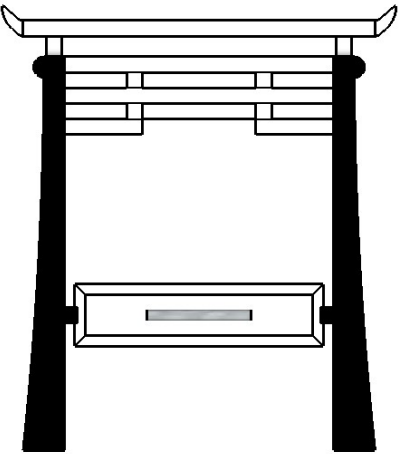
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## Basic Plans

( Enhanced plans available on my Etsy store Tree2Gift )



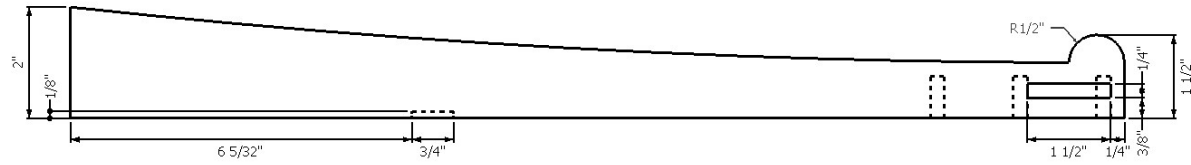
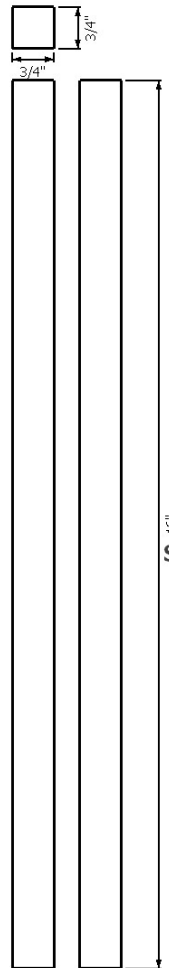
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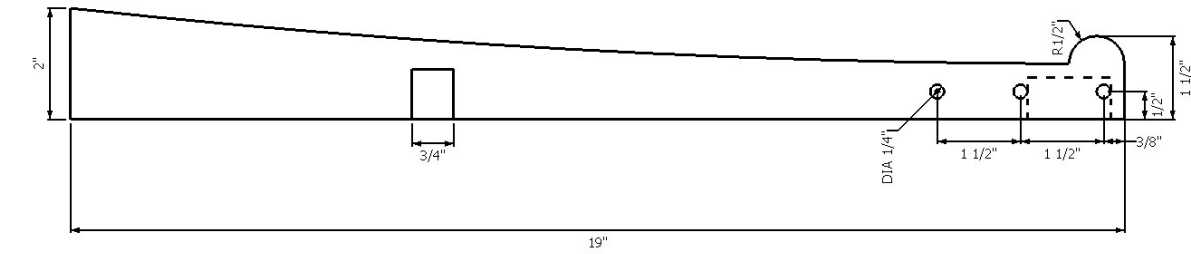
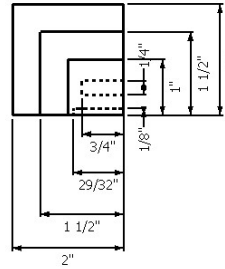
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## Plans - Legs & Shelf Rails



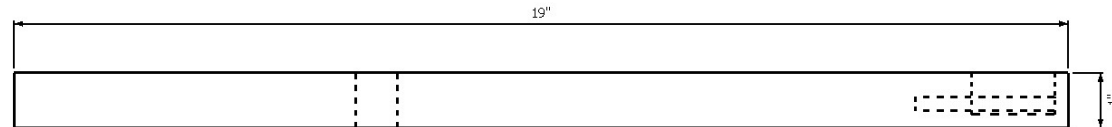
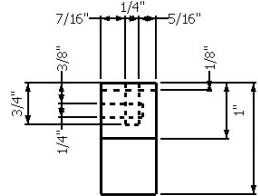
Front Legs (1 pair mirror image)



Shelf Rails (x2)



Back Legs (1 pair mirror image)



### Shaping Legs

Squared leg blanks are first produced, onto which all joints are prepared before any shaping is begun.

Back legs are shaped in two dimensions only, and therefore require just one cut.

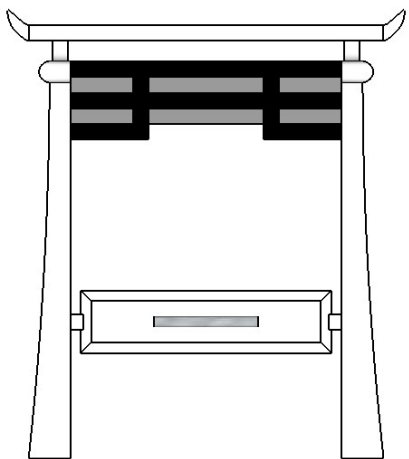
Rear legs are shaped in three dimensions, requiring two cuts, rotating the leg by 90° after the first one.

Band saw, rasp, file, and card scraper, are used in that order to most easily shape the legs and prepare them for finish.

### Attaching Shelf Box To Legs

Shelf Rails are glued to grooves in legs and then bored and countersunk to accept one 1 3/4" steel counter sink screw into each joint.

The Shelf Box slides onto the shelf rails, and is bored from inside to accept two 1" steel counter sink screws into each rail.



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## Plans - Upper Rails

Nb. ALL Tenons in the Project:

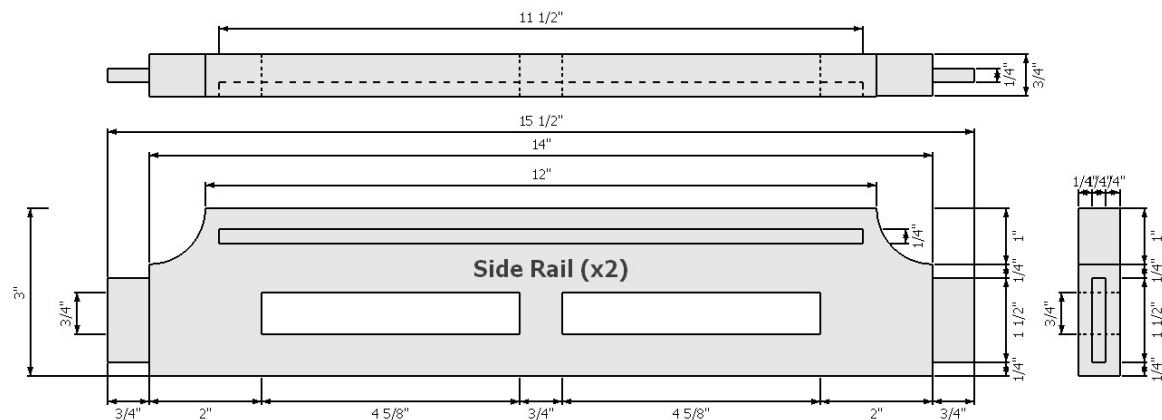
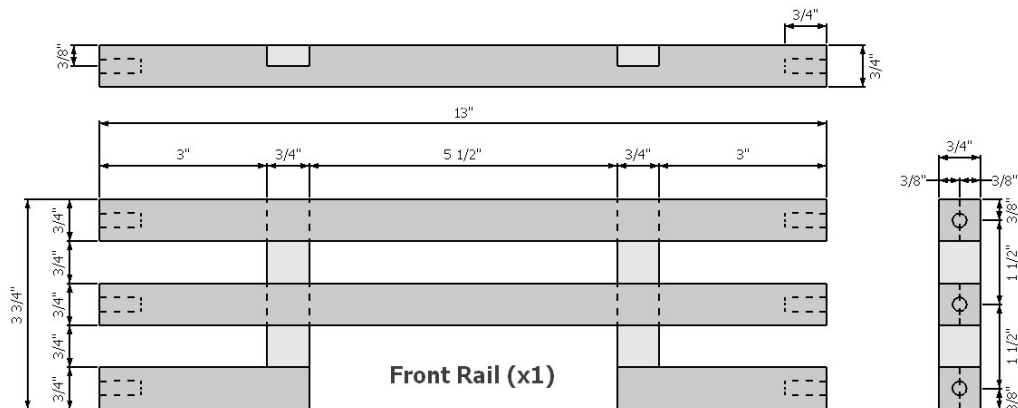
Tenons should be prepared AFTER their respective mortises have been chopped. Adjust tenon layouts if their respective mortises go awry.

### Front Rail Preparation:

The Front Rail can be prepared by using halving joints between four horizontal and two vertical battens (as indicated here), or by joining the four horizontal battens with four cubes, using dowels.

### Front Rail to Front Legs Joints:

Dowel joints are shown here, but dominos would also work well. Mortise and tenons could be prepared, but the small mortises would be tricky to chop.

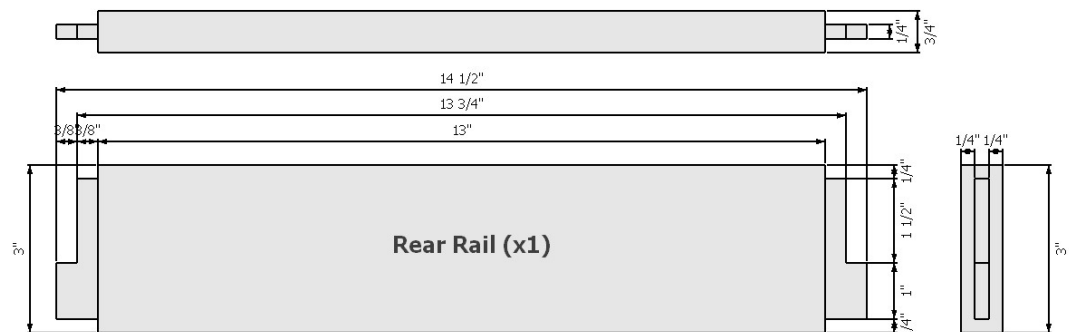


### Side Rail Preparation:

Side Rails can be shaped by piercing a solid board, or by laminating three pieces and leaving the holes out.

### Attaching the Top:

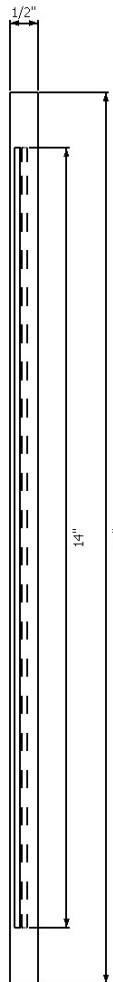
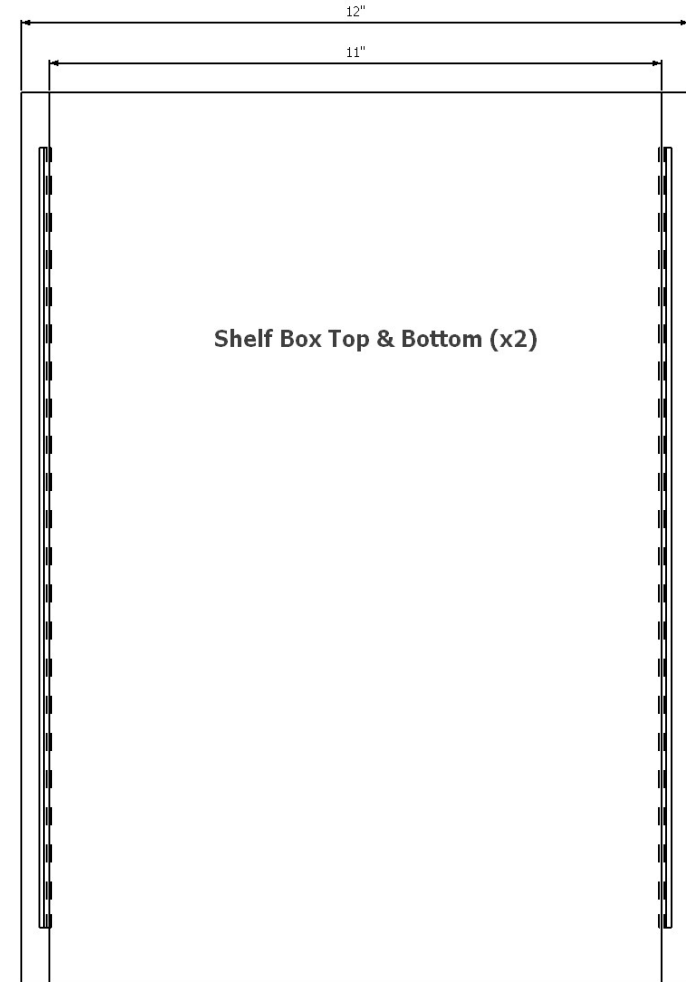
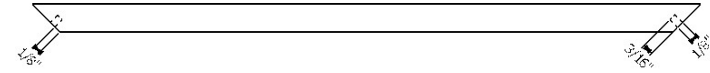
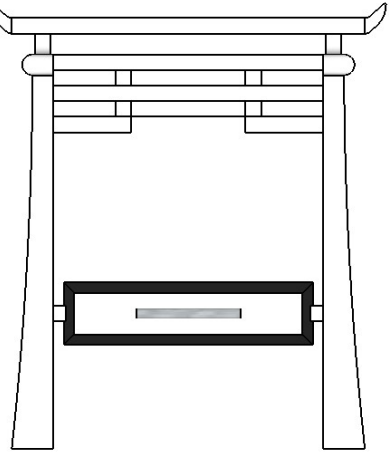
To attach the top with buttons, the stopped groove in the side rails should be prepared. Alternative fixings, such as figure '8' washers, will likely require other arrangements.



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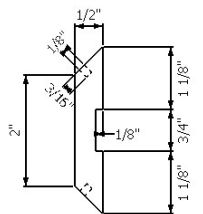
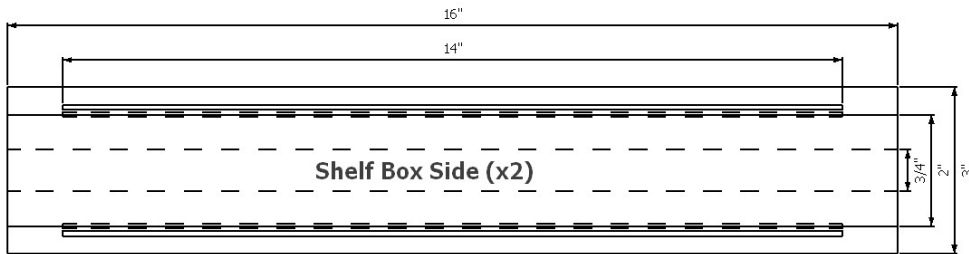
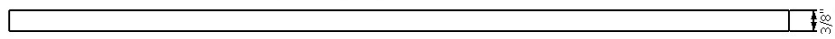
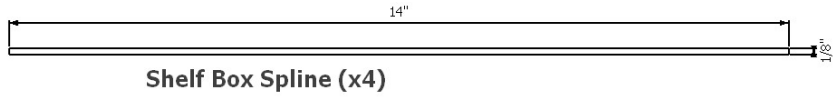
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Plans - Shelf Box



Biscuits work fine for the box: 5 no.0 per corner. Splines (shown) are ideal for a solid wood box, and should be plywood or cross grain. Either should be positioned close to the internal corners of the box (1/8" or less).

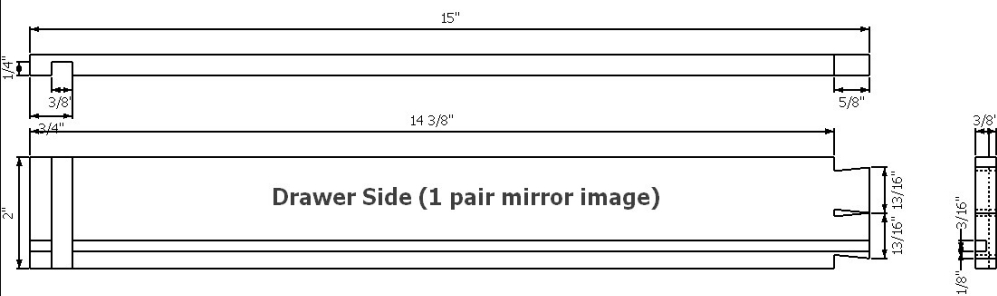
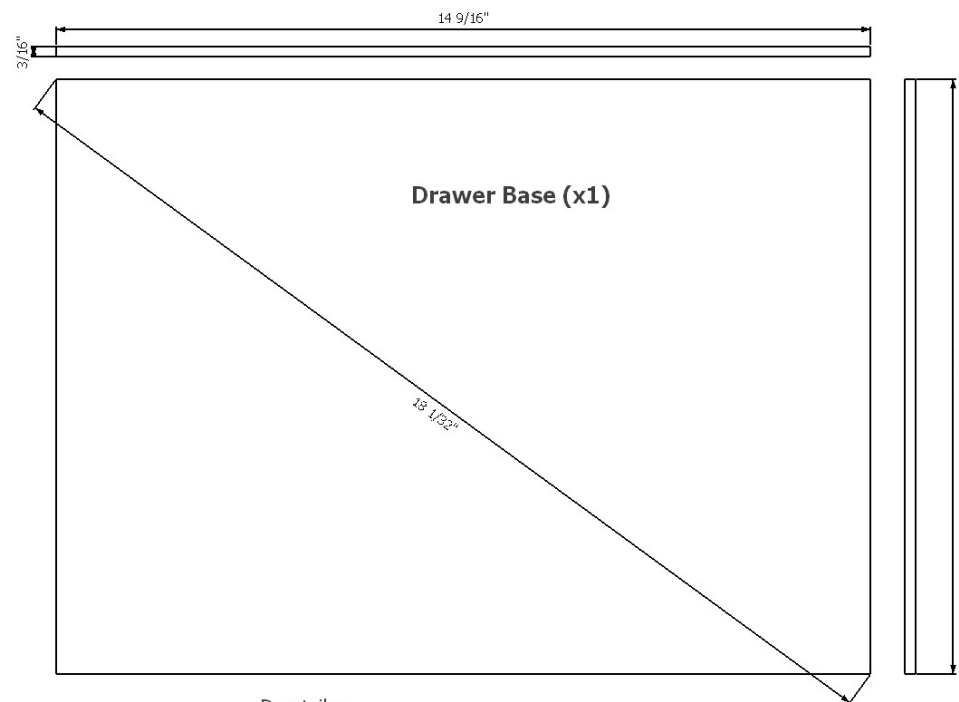
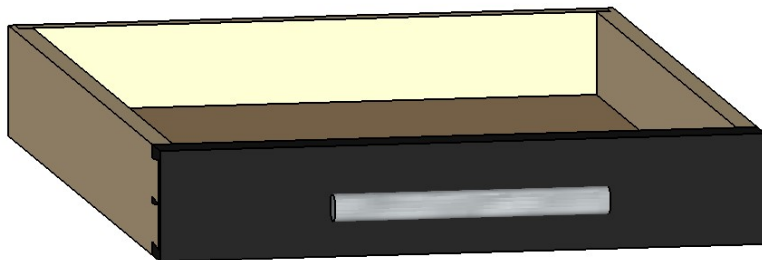
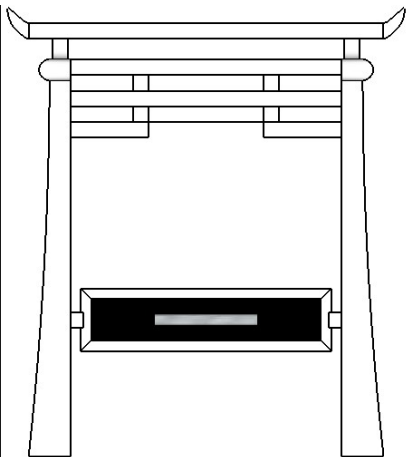
**Optionally:** Lap joints can be used instead of mitres, and used to conceal most of the end grain.



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Plans - Drawer



Dovetails:

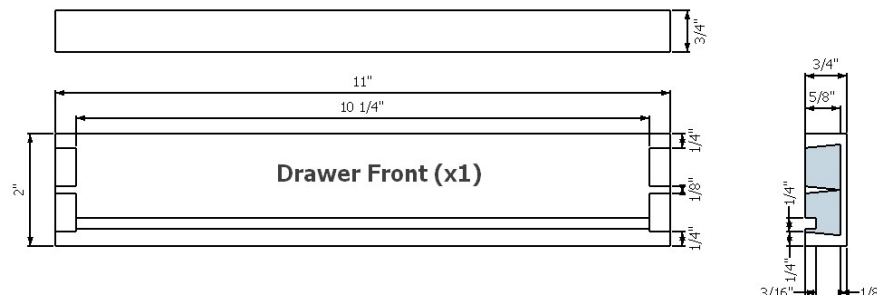
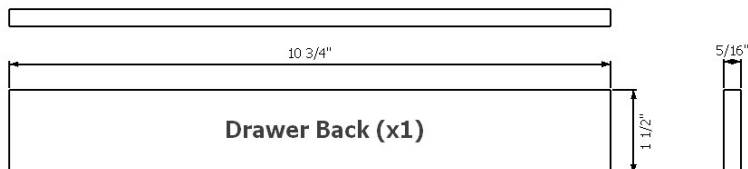
Half-Blind Dovetails are recommended for appearance, but modern adhesives mean that simpler methods such as dowels, dominoes, or biscuits, should be adequate from a strength point of view.

Drawer Pull:

Drawer Pull shown is an off-the-shelf brushed stainless steel round bar with short off-stands.

Clearly this is down to personal choice, and a shop made pull may be just the ticket.

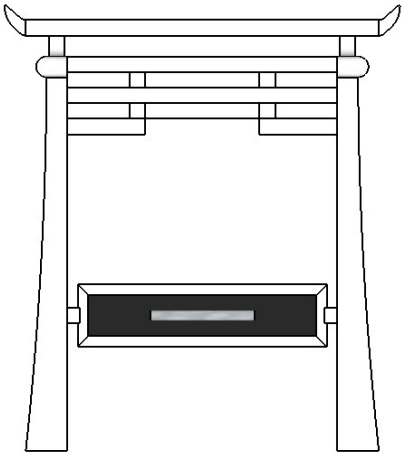
Please experiment.



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Plans - Top



Top Construction:

Top is made up of individual boards, edge glued together.

'Wings':

The rising breadboard ends are optional, and could be replaced with flat breadboard ends, or left off entirely in which case the stub tenons on the top boards are not required.

For seasonal movement, pin the breadboard ends through the tenons, each board receiving two 1/8" hardwood dowels. Elongate the holes in the tenon, along the boards width to allow movement. Only glue the front tenons, and the surfacing ends of the dowels. Drill from underneath and avoid coming through the top surface, unless you wish them to be on display.

